

In the Claims

What is claimed is:

1. A suspended ceiling element comprising:
a main beam;
at least a first standoff connected to and projecting from the main beam; and
a first cable anchored to the main beam near the ends of the main beam and
extending over the standoff, the cable substantially spanning the length of and
5 providing support to the main beam.

2. The element of claim 1, wherein the cable is anchored at the ends of
the main beam.

3. The element of claim 1, wherein the main beam has a cross-section
selected from the group consisting of "T" profile, "C" profile and bandraster.

4. The element of claim 1, further including a lamp attached to the cable.

5. The element of claim 4, wherein the lamp comprises a low voltage
light fixture.

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6. The element of claim 1, further comprising a second standoff connected to and projecting from the main beam and a second cable anchored near the ends of the main beam and extending over the second standoff, the second cable being substantially parallel to the first cable and substantially spanning the length of and
5 providing support to the main beam.

7. The element of claim 6, wherein a lamp is attached to the first cable and the second cable.

8. The element of claim 1, wherein the element includes a second standoff connected to and projecting from the main beam, the first and second standoffs being spaced apart, the truss cable extending over the first and the second standoff;
5 wherein a second cable is attached to the first and the second standoffs and is substantially parallel to the first cable truss, and electrically isolated from the first cable; and
wherein a lamp is attached to the first and the second substantially parallel cables.

9. The element of claim 1, further including a power supply electrically coupled to the cable.

10. The element of claim 9, further including a transformer electrically connected to the electrified cable.

11. The element of claim 1, wherein the main beam spans at least 12 feet.

12. The element of claim 1, wherein the cable is tensioned.

13. The element of claim 1, wherein the main beam further supports a plurality of ceiling panels.

14. A ceiling system comprising:

(a) a plurality of cable truss assemblies, each assembly including,

(1) a main beam,

5 (2) at least one standoff support connected to and projecting from the main beam, and

(3) a cable in communication with the standoff and substantially spanning the length of the main beam;

(b) a plurality of cross beams running substantially perpendicular to and in communication with the main beam to form a grid; and

10 (c) a ceiling panel supported by the grid.

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15. The ceiling system of claim 14, wherein the ceiling panel comprises matter selected from the group consisting of organic matter, mineral fiber, fiberglass, metal and combinations thereof.

16. The ceiling system of claim 14, further including a lamp attached to the cable.

17. A ceiling system comprising:

(a) a plurality of cable truss assemblies, each assembly including,

- (1) a main beam,
- (2) at least one standoff support connected to and projecting from the main beam, and
- (3) a cable in communication with the standoff and substantially spanning the length of the main beam; and

(b) a plurality of plank elements spanning between the main beams.

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18. The ceiling system of claim 17, wherein the plank elements comprise matter selected from the group consisting of organic matter, mineral fiber, fiberglass, metal and combinations thereof.

19. The ceiling system of claim 17, further including a lamp attached to the cable.